

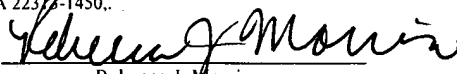
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Delbert Tsar
 Serial No. 10/714,183
 Filing Date: November 14, 2003
 Group Art Unit: 3681
 Examiner: Pang, Roger L.
 Title: STANDARDIZED ROTARY ACTUATOR

Mail Stop: Amendments
 Commissioner of Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Certification Under 37 C.F.R. 1.8
Date of Mailing: January 12, 2005
 I hereby certify that this correspondence is being deposited with the United States Postal Service via First Class Mail with sufficient postage for mailing under 37 CFR § 1.8 on the date indicated above and addressed to the Mail Stop: Amendments, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

 Rebecca J. Morrison

AMENDMENT

Dear Sir:

In response to the Office Action mailed July 12, 2004, amend the above-identified application as follows:

Amendments to the Drawings: Amendments to the drawings have been made and are attached with this paper.

Amendments to the Specification: In the Specification, on Page 19, Lines 7 and 8, please change reference numeral "218" to reference numeral "318."

An amendment, as requested, has been made and is included on Page 2 of this paper.

Amendments to the Claims: Amendments to the Claims are reflected in the listing of claims which also begins on Page 3 of this paper.

Remarks: Applicant's Remarks begin on Page 6 of this paper.

Applicant hereby requests a three-month extension of time, to and including January 12, 2005, to respond to this Office Action.

Figure 3 depicts a cutaway isometric of a rotary actuator 300 incorporating an eccentric hypocyclic gear train. Rotary actuator 300 incorporates a central stationary shaft 330 holding support bearings 328 that support the rotating motor armature 320 that drives the eccentric 318. Support bearings 314 on the eccentric 318 drive the wobble cylinder, which contains the planetary gears 310 and 312 that mesh with the bull gear 304 and sun gear 306 separated by the principal cross roller bearing 308.